

# 3-004.11 SALINAS VALLEY - ATASCADERO AREA

## Basin Boundaries

### *Summary*

The Atascadero groundwater subbasin is a northwest-southeast trending part of the Salinas Valley groundwater basin located near the City of Atascadero. The subbasin is separated from the Paso Robles subbasin by the Rinconada Fault on the east and follows the boundary of the the consolidated formations of the Santa Lucia Range on the west. The basin boundary is defined by eight (8) segments detailed in the descriptions below.

### *Segment Descriptions*

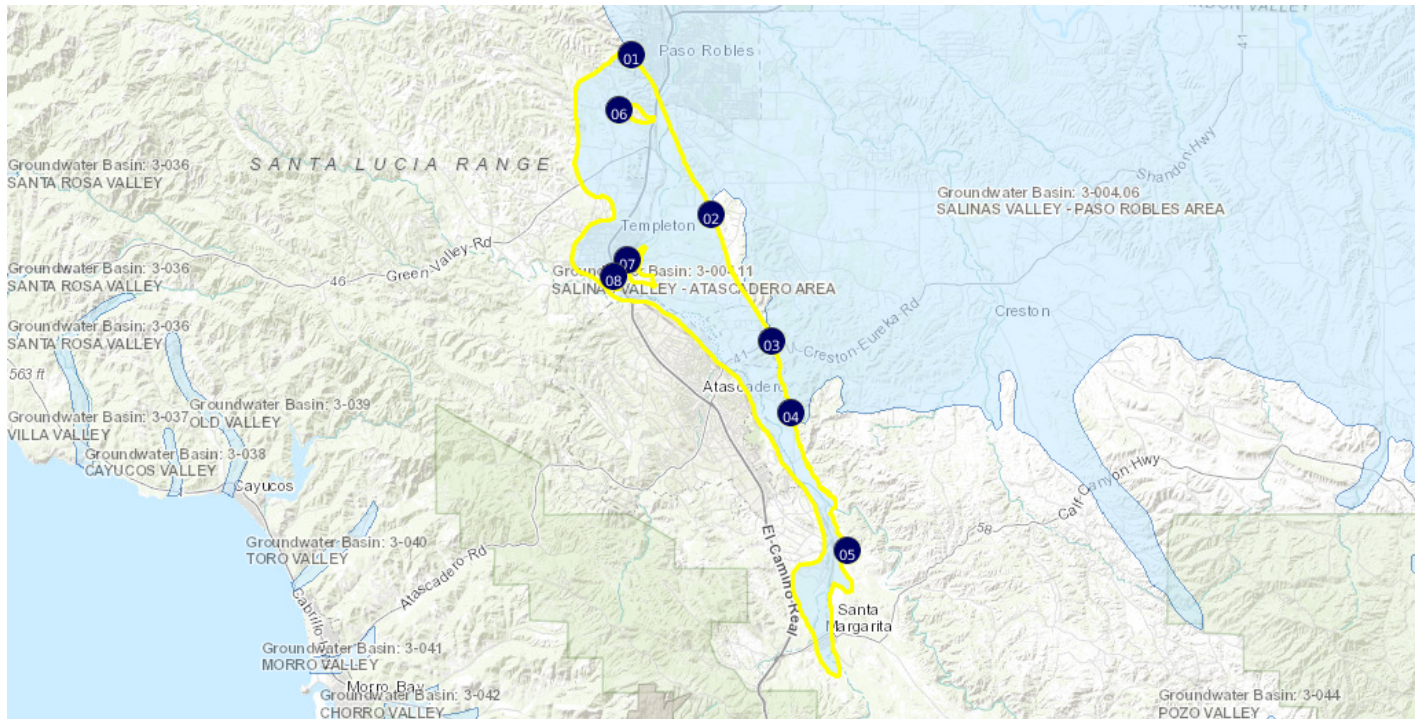
| <u>Segment Label</u> | <u>Segment Type</u>      | <u>Description</u>  | <u>Ref</u> |
|----------------------|--------------------------|---|------------|
| 1-2                  | <sup>I</sup><br>Fault    | Begins at point (1) and generally follows the Rinconada Fault to point (2).   | {a}        |
| 2-3                  | <sup>E</sup><br>Fault    | Continues from point (2) and follows the Rinconada Fault to point (3).  | {a}        |
| 3-4                  | <sup>I</sup><br>Fault    | Continues from point (3) and follows the Rinconada Fault to point (4).  | {a}        |
| 4-5                  | <sup>E</sup><br>Fault    | Continues from point (4) and follows the Rinconada Fault to point (5).  | {a}        |
| 5-1                  | <sup>E</sup><br>Alluvial | Continues from point (5) and follows the boundary of Quaternary alluvial deposits with consolidated rocks of the Santa Lucia Range and ends at point (1). | {a}        |
| 6-6                  | <sup>E</sup><br>Alluvial | Begins at point (6) and follows the contact of Quaternary alluvial deposits with a consolidated rock outcrop and ends at point (6).                       | {b}        |
| 7-7                  | <sup>E</sup><br>Alluvial | Begins at point (7) and follows the contact of Quaternary alluvial deposits with a consolidated rock outcrop and ends at point (7).                       | {a}        |
| 8-8                  | <sup>E</sup><br>Alluvial | Begins at point (8) and follows the contact of Quaternary alluvial deposits with a consolidated rock outcrop and ends at point (8).                       | {b}        |

### *Significant Coordinates*

| <u>Point</u> | <u>Latitude</u> | <u>Longitude</u> |  |
|--------------|-----------------|------------------|--|
| 1            | 35.626637392    | -120.704357554   |  |
| 2            | 35.561893357    | -120.664034822   |  |
| 3            | 35.510693547    | -120.634394877   |  |
| 4            | 35.48142883     | -120.624258334   |  |
| 5            | 35.42536658     | -120.596026487   |  |
| 6            | 35.60468474     | -120.709939397   |  |
| 7            | 35.543730791    | -120.705966638   |  |
| 8            | 35.536923677    | -120.712856243   |  |

## Map

### 3-004.11 SALINAS VALLEY - ATASCADERO AREA



<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=3-004.11>

## References

| <b>Ref</b> | <b>Citation</b>  | <b>Pub Date</b> | <b>Global ID</b> |
|------------|--|-----------------|------------------|
| {a}        | California Geological Survey (CGS), Geologic Atlas of California Map No. 018, San Luis Obispo Sheet, , 1:250,000, Charles W. Jennings.URL: <a href="http://www.quake.ca.gov/gmaps/GAM/sanluisobispo/sanluisobispo.html">http://www.quake.ca.gov/gmaps/GAM/sanluisobispo/sanluisobispo.html</a> | 1958            | 24               |
| {b}        | Unknown/other/new  | varies          | 46               |

## Footnotes

- I: Internal
- E: External